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(54) Bicycle brake device

(57) The brake mechanism for a bicycle includes a brake arm (12a, 12b) having an upper portion and a lower portion, a link member (39a, 39b) having an upper portion and a lower portion, and a shoe attachment member (32a, 32b) for attaching a brake shoe (30a, 30b) thereto. The shoe attachment member (32a, 32b) is pivotally coupled to the upper portion of the brake arm (12a, 12b) and to the upper portion of the link member (39a, 39b). The lower portion of the brake arm (12a, 12b) and the lower portion of the link member (39a, 39b) are adapted to be pivotally mounted to the bicycle so that the lower portion of the brake arm (12a, 12b) and the lower portion of the link member (39a, 39b) pivot when a braking force is applied by the cantilever brake apparatus to cause the brake shoe (30a, 30b) to move toward a wheel rim. The lower portion of the brake arm (12a, 12b) and the lower portion of the link member (39a, 39b) are spaced apart from each other for forming a four-bar link mechanism with the shoe attachment member (32a, 32b).

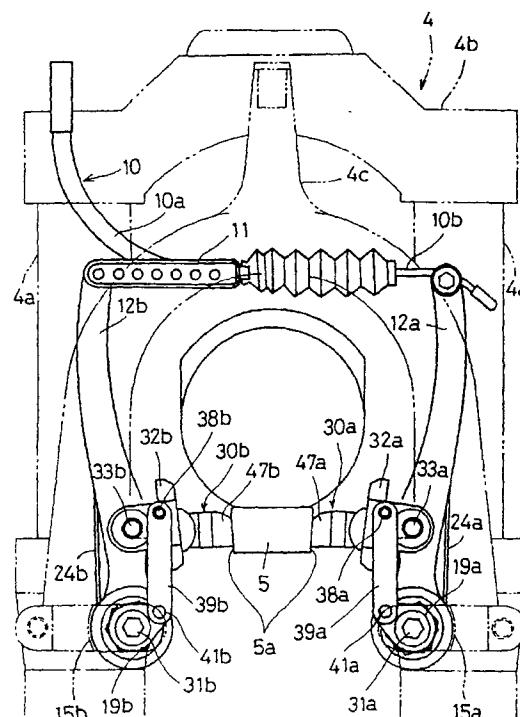


Fig. 2



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EUROPEAN SEARCH REPORT

Application Number
EP 96 30 1564

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	FR 909 871 A (DURAND) * the whole document *	1,9	B62L1/14
A	FR 895 049 A (ROTHSCHILD) * page 3, line 18 - page 4, line 45; figures 4-10 *	1,9	
A	DE 93 07 514 U (JOCHM) * the whole document *		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B62L
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		22 April 1997	Harteveld, C
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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